

## EENS Job Risk Assessment

<b>Name(s) of Risk Team Members:</b> T. Butcher, V. Cassella, L. Gerlach, J. Heiser, J. Madaia, A. Piper, T. Roberts	<b>Point Value</b> → <b>Parameter ↓</b>	1	2	3	4	5
<b>Job Title: Operating Vehicles On Site and Off Site.</b>  <b>Job Number or Job Identifier:</b> EENS-JRA-026  <b>JRA Date:</b>	<b>Frequency (B)</b>	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
<b>Job Description:</b> Operation of vehicles on site and off site, including loading and unloading equipment	<b>Severity (C)</b>	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
<b>Training and Procedures List (optional):</b> NYS Driver's license (or equivalent). Additional training indicated in controls section.	<b>Likelihood (D)</b>	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
<b>Approved by:</b> <b>Date:</b> 02/06/06 <b>Rev. #:</b> Draft	<b>Stressors (if applicable, please list all):</b> Inclement weather (rain, snow, ice), seasonal wildlife hazards such as deer, turkey and geese, time constraints, vehicular traffic.				<b>Reason for Revision (if applicable):</b> N/A  <b>Comments:</b> N/A	

			Before Additional Controls							After Additional Controls						
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction

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Pre-Job planning	N/A	Pre-job planning, procedures, equipment checklist, inspected & maintained vehicles, proper vehicle for task (e.g. load ratings, etc), NYS drivers license or equivalent, applicable SBMS subject areas, applicable SOP's, DOT requirements	N													
Entering/Exiting parked vehicles- driver or passengers	Slips, fall on same level, contusion, crushing injuries, pinched hands/fingers	Vehicle design- headliner/door/dash padding, marked parking spaces with proper footing, road and parking lot maintenance, anti-slip surfaces in vehicle, proper footwear, available grab handles to enter/exit vehicle, warning labels, clearing of ice & snow during inclement weather	Y						See further Description of Controls Added to Reduce Risk							

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Loading and unloading larger packages, test equipment, weight may exceed 50 pounds, may also involve use of engine hoist or pre-engineered equipment.	Sprain/ strain injury from lifting, contusions, crushing injuries	Work planning, Applicable JRA's, Applicable SBMS subject area, engineered transport devices in vehicles, appropriate material handling equipment, safety shoes, DOT regulations, coordination with proper authorities for transport, Required training (i.e.: Hazmat, etc.), 2 person job, lessons learned, clearing of ice & snow during inclement weather	Y						See further Description of Controls Added to Reduce Risk							

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Driving slow-moving vehicles on-site & off-site	Vehicle accident-Being struck by another Vehicle, striking another vehicle or stationary object	Work planning, coordination with local authorities, vehicle emergency flashers, escort as required. Police enforcement of driving rules, design of vehicle, seat belt; licensed drivers; vehicle, road and parking lot maintenance; required motor vehicle inspection, Applicable SBMS Subject areas (e.g. traffic safety, transportation, etc.), Traffic Safety, BNL/NYS traffic laws, BNL motor pool emergency call number, review of applicable JRA's, clearing of ice & snow during inclement weather	Y													
Driving on unpaved roads & firebreaks	Vehicle accident-Being struck by another Vehicle, striking another vehicle or stationary object or running vehicle off roadway, poor road conditions (mud, Ruts, etc.)	Work planning, selection of proper vehicle for expected road conditions, Police enforcement of driving rules, design of vehicle, seat belt; licensed drivers; vehicle maintenance; required motor vehicle inspection, Applicable SBMS Subject areas (e.g. traffic safety, transportation, etc.), Traffic Safety, BNL/NYS traffic laws, BNL	Y													

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		motor pool emergency call number, clearing of ice & snow during inclement weather														
Driving vehicle on –site and off-site	Vehicle accident-Being struck by another Vehicle, striking another vehicle or stationary object	Work planning, Police enforcement of driving rules, design of vehicle, seat belt; licensed drivers; vehicle, road and parking lot maintenance; required motor vehicle inspection, Applicable SBMS Subject areas (e.g. traffic safety, transportation, etc.), Traffic Safety, BNL/NYS traffic laws, BNL motor pool emergency call number, review of applicable JRA’s, clearing of ice & snow during inclement weather	Y													
Bicycle, Pedestrian & Animals travel around site	Vehicle striking pedestrian or bicyclist- injury to pedestrian, bicyclist or vehicle occupant	Vehicle lighting, marked crosswalks, sidewalks, street lighting; speed limit , bicycle helmets, cross-walks, NYS & BNL traffic safety enforcement, seat belts	N													
	Vehicle striking animal- injury to vehicle occupant	Vehicle lighting, seat belts, driver awareness of need for caution via ESH reminders, NYS & BNL traffic safety enforcement	N													

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Gas fill-up including CNG equipped vehicles, vehicle maintenance	Fire from fueling or Injury opening engine compartment- risk to vehicle operator, explosion	On-site trained service personnel for filling gas and checking vehicles at both stations, specialized training As required for CNG equipped-vehicles.	Y													
<b>Further Description of Controls Added to Reduce Risk:</b> The following safety enhancements were identified during the development of this JRA and should be reviewed/implemented as soon as practical: To eliminate slippery vehicle walking surfaces add bed liners and bed mats to pick-up trucks and add non-slip appliqué to all truck/van steps as appropriate. To reduce the potential for crushing injuries to hands, install grab handles (if not equipped) and warning labels to sliding van doors.																
<b>*Risk:</b>	<b>0 to 20 Negligible</b>	<b>21 to 40 Acceptable</b>	<b>41 to 60 Moderate</b>					<b>61 to 80 Substantial</b>		<b>81 or greater Intolerable</b>						